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PHOTOGRAPHIC INTERPRETATION REPORT

# SA-2 SAM SITES WITH ASSOCIATED LARGE REVETMENTS, USSR



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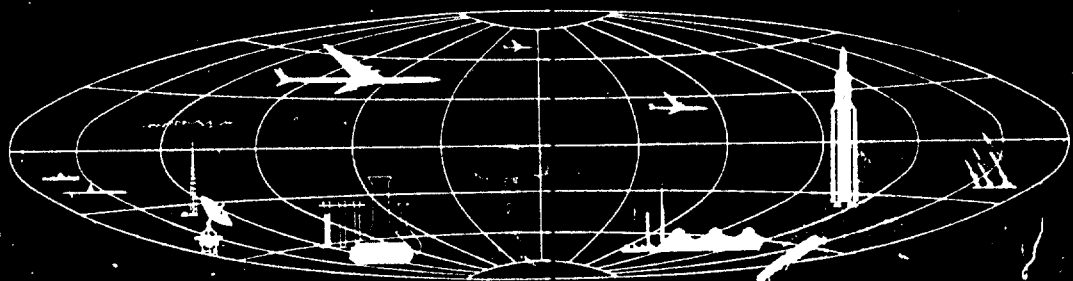
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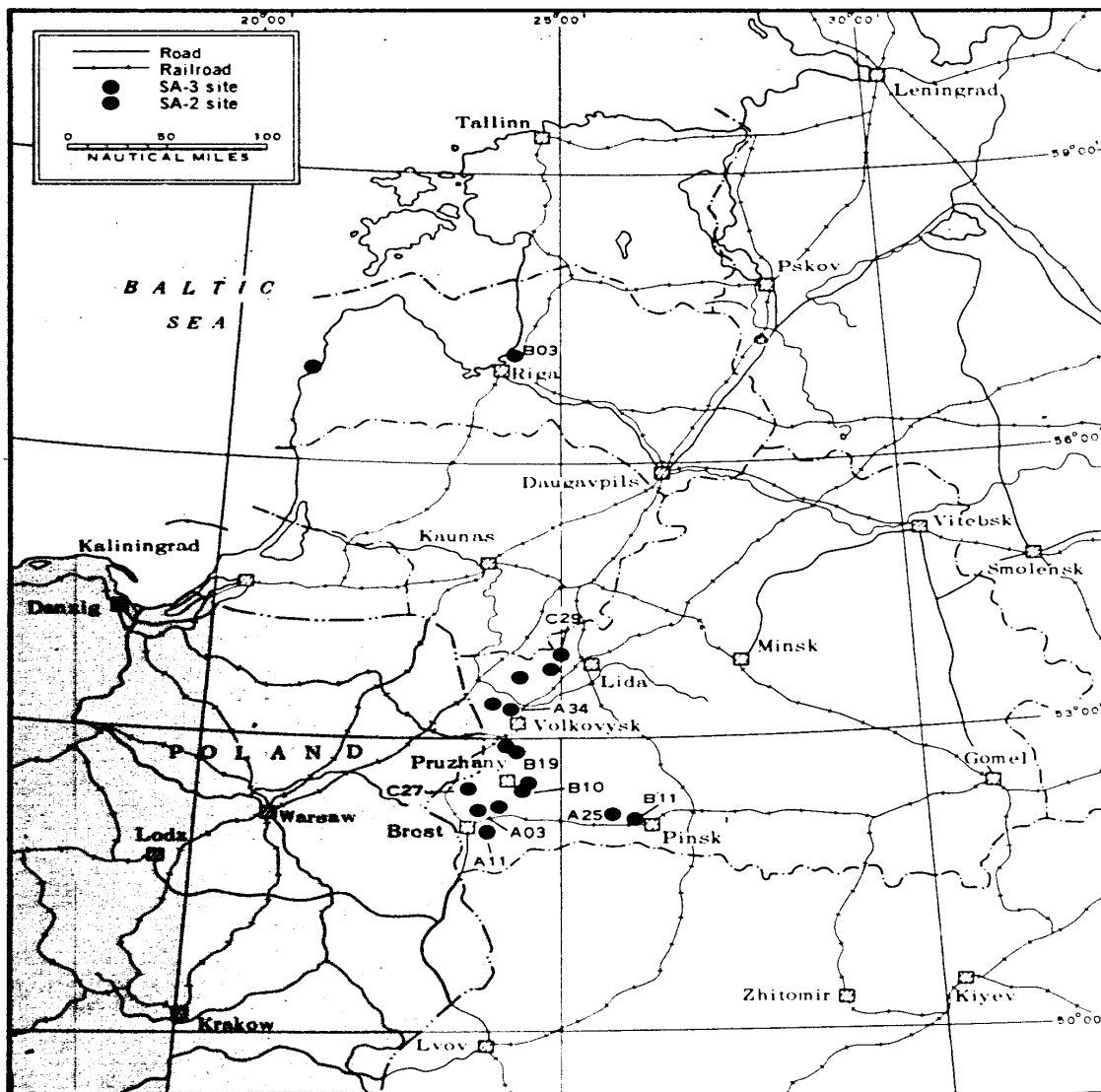


FIGURE 1. SA-2 SAM SITES WITH LARGE REVETMENTS, USSR.

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A total of ten SA-2 SAM sites with associated large revetments have been identified in the USSR. Nine of these sites are located in the Soviet-Polish border area, and the tenth site is located at Riga (Figure 1).

The revetments are either approximately rectangular or circular, the rectangular ones being generally smaller. The rectangular revetments vary from 70 by 60 feet to 120 by 70 feet; the diameter of the circular revetments varies from 170 feet to 225 feet. The distance from the center of the SA-2 site varies from 500 feet to 1,200 feet, and the locations relative to the site also vary. Although launch and guidance equipment was seen in some of the SA-2 sites, no equipment, vehicles, or structures were observed in any of the large revetments.

A typical SA-2 site support area consists of

four small buildings, usually outside a fenced area, and one large and one or more small buildings, usually inside an adjacent fenced area; but numerous variations occur. At two sites which have collocated SA-3 sites, Volkovysk SAM Site B19-2 and Lida SAM Site C29-2, the support area has approximately twice the typical number of buildings; however, Volkovysk SAM Site A34-2 which also has a collocated SA-3 site has only the six buildings of a typical support area. No connection between the large revetments and the SA-3 sites could be determined.

This report gives details about the ten sites with emphasis on the nature and timing of changes since each site was identified.

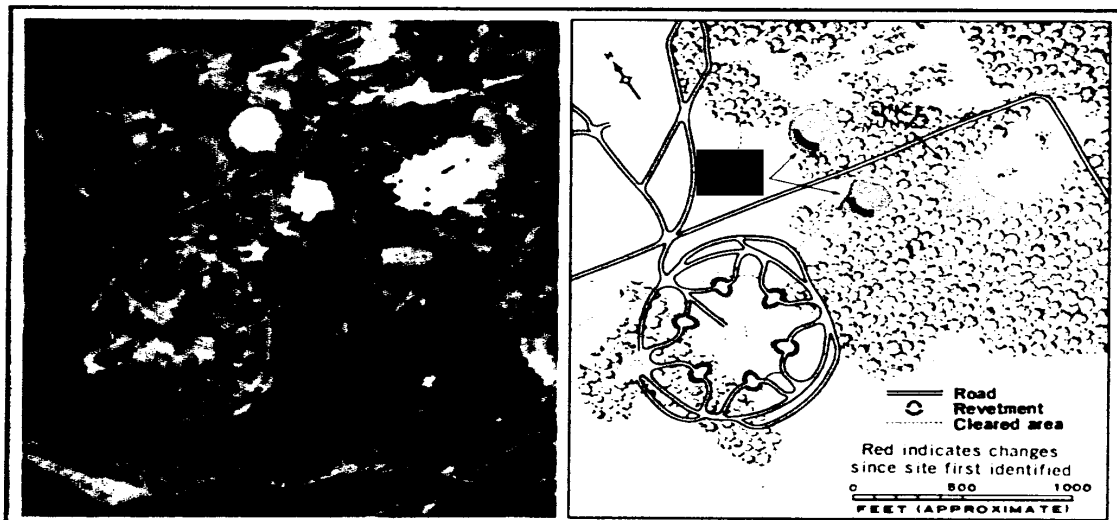


FIGURE 2. PINSK MRBM COMPLEX SAM SITE B11-2.

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**Pinsk MRBM Complex SAM Site B11-2**

25X1A This site [REDACTED] is located at 52-07-40N 26-03-20E, 13 nautical miles (nm) east-southeast of Pinsk MRBM Complex and adjacent to Pinsk Army Barracks.

25X1D Two circular revetments, each approximately 200 feet in diameter, have been observed on KEYHOLE photography of [REDACTED] (Figure 2). Both revetments are northeast of the site, one approximately 1,150 feet and the other approximately 1,000 feet from the center of the site. There is no evidence of a road system serving either of the revetments. Both were constructed between [REDACTED]

25X1D [REDACTED] and no change had taken place in either revetment by [REDACTED]

25X1D When Pinsk MRBM SAM Site B11-2 was identified on KEYHOLE photography of [REDACTED] it appeared complete. Pinsk Army Barracks probably provides support facilities for the site inasmuch as there are no typical site support buildings. A clearing southeast of the large revetments has been expanded about 30 percent since [REDACTED]

25X1D The nearest SA-2 SAM site with similar large revetments is Pinsk A25-2, located 17 nm west; the nearest SA-3 SAM site, Pruzhany B10A-3, is 55 nm northwest.

**Pinsk MRBM Complex SAM Site A25-2**

25X1A This site [REDACTED] is located at 52-09-30N 25-36-20E, 4 nm southwest of Pinsk MRBM Complex.

25X1D Two large circular revetments, each approximately 200 feet in diameter, were identified adjacent to this site on KEYHOLE photography of [REDACTED] (Figure 3). One revetment is approximately 650 feet southeast of the center of the site and the other approximately 710 feet southwest. A review of KEYHOLE photography showed that

both areas were under construction in [REDACTED] but neither had been started in [REDACTED]

Site A25-2 was identified on KEYHOLE photography of [REDACTED] and appeared complete. The site support area contained the normal complement of buildings at that time and no changes had taken place by [REDACTED]

The nearest SA-2 SAM site with similar large revetments is Pinsk B11-2, located 17 nm east. The nearest SA-3 SAM site is Pruzhany MRBM Complex B10A-3, located 46 nm west northwest.

**Brest SAM Site A11-2**

25 This site [REDACTED] is located at 52-03-10N 23-53-20E, 7.5 nm east-southeast of Brest.

25 Three large revetments located adjacent to this site were identified on KEYHOLE photography of [REDACTED]. One revetment, 115 by 50 feet, is located 450 feet southeast of the center of the site. The second revetment, 120 by 70 feet, is 480 feet west of the center of the site; and the third revetment, 85 by 75 feet, is 600 feet east-northeast of the center of the site. All three are generally rectangular and appear to be drive-through (Figure 4).

25 Brest SAM Site A11-2 was identified on KEYHOLE photography of [REDACTED] and appeared complete. The three revetments were not present at that time but were under construction on KEYHOLE photography of [REDACTED]. The site support area was complete when the site was identified and no change had taken place by [REDACTED]

25 The nearest SA-2 site with similar large revetments is Brest A03-2, located 10 nm north-northwest. Pruzhany MRBM Complex SAM Site B10A-3 is located 36 nm northeast.

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25X1D

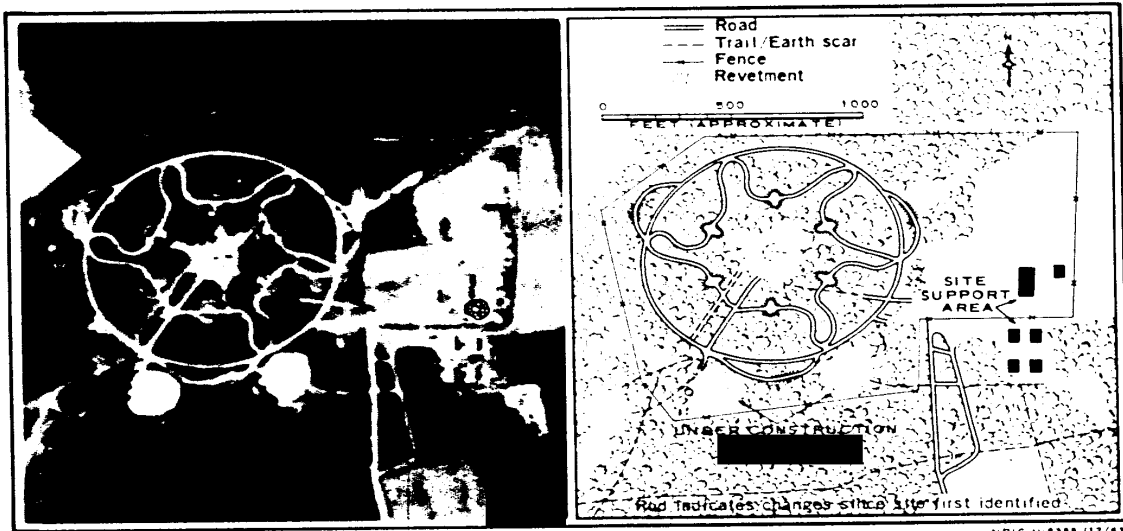


FIGURE 3. PINSK MRBM COMPLEX SAM SITE A25-2.

25X1D

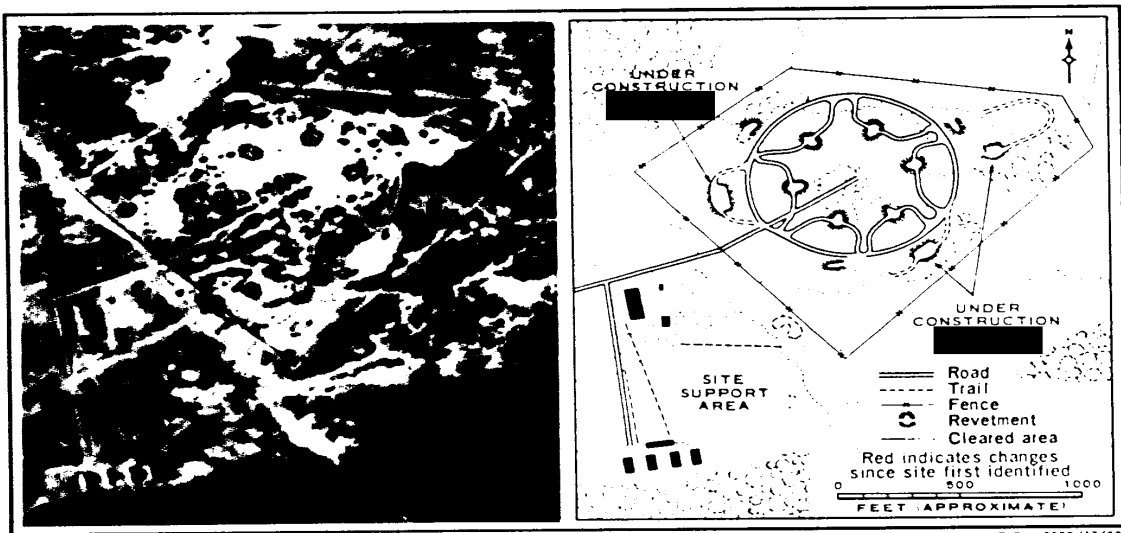


FIGURE 4. BREST SAM SITE A11-2.

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**Brest SAM Site A03-2**

25X1A This site [REDACTED] is located at 52-13-40N 23-49-30E, 9 nm north-northeast of Brest.

25X1D Two large revetments adjacent to this site were identified on KEYHOLE photography of [REDACTED]. One revetment, 90 by 70 feet, is 625 feet northeast of the center of the site, and the other, 90 by [REDACTED] feet, is 580 feet northeast of the center of the site. Both revetments are rectangular and drive-through (Figure 5).

25X1D When Brest SAM Site A03-2 was identified on KEYHOLE photography of [REDACTED] it appeared complete. The large revetments were not present but first appeared under construction on KEYHOLE photography of [REDACTED]. The site support area contained the normal complement of buildings when the site was identified and no changes had occurred through

25X1D [REDACTED] The nearest SA-2 site with similar large revetments is Brest A11-2, located 10 nm south-southeast. The nearest SA-3 site is Pruzhany MRBM Complex B10-3, located 30 nm east-northeast.

**Pruzhany SAM Site C27-2**

25X1A This site [REDACTED] is located at 52-32-55N 23-46-20E, 27 nm west of Pruzhany.

25X1D Two large revetments adjacent to this site were identified on KEYHOLE photography of [REDACTED]. One revetment, 90 by 85 feet, is located 550 feet south-southwest of the center of the site and the other, 90 by 75 feet, is located 550 feet north-northeast of the center of the site. Both are drive-through and are served by road from the site perimeter service road (Figure 6).

25X1D Pruzhany SAM Site C27-2 was probably complete when identified on KEYHOLE photography of [REDACTED] but the large revet-

ments first appeared on photography of [REDACTED]. The site support area was complete when the site was identified and had not changed by [REDACTED].

The nearest SA-2 site with similar large revetments is Brest A03-2, located 17 nm south. Pruzhany MRBM Complex SAM Site B10A-3 is located 27 nm east.

**Pruzhany MRBM Complex SAM Site B10-2**

This site [REDACTED] is located at 52-30-00N 24-30-15E, 13 nm east-southeast of Pruzhany MRBM Complex.

Two large revetted circular areas were adjacent to this completed site when it was identified on KEYHOLE photography of [REDACTED]. Both revetted areas are approximately 170 feet in diameter, one being located about 650 feet southeast, the other 650 feet northeast of the center of the site. Both are drive-through and directly connected by road to the site perimeter road (Figure 7). No change had taken place in either revetment by [REDACTED].

A possible site support area containing seven buildings is located northeast of the center of the site. Although these buildings are not typical of those in site support areas, the absence of any others nearby indicates their possible support role.

The nearest SA-2 site with similar large revetments is Volkovysk B19-2, located 25 nm north. Collocated SA-3 site B10A-3 is 2.3 nm north.

**Volkovysk SAM Site B19-2**

This site [REDACTED] is located at 52-55-35N 24-25-20E, 15 nm south of Volkovysk.

Two large circular revetments adjacent to the east side of the site were identified on KEYHOLE photography of [REDACTED]. Both revet-



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25X1D

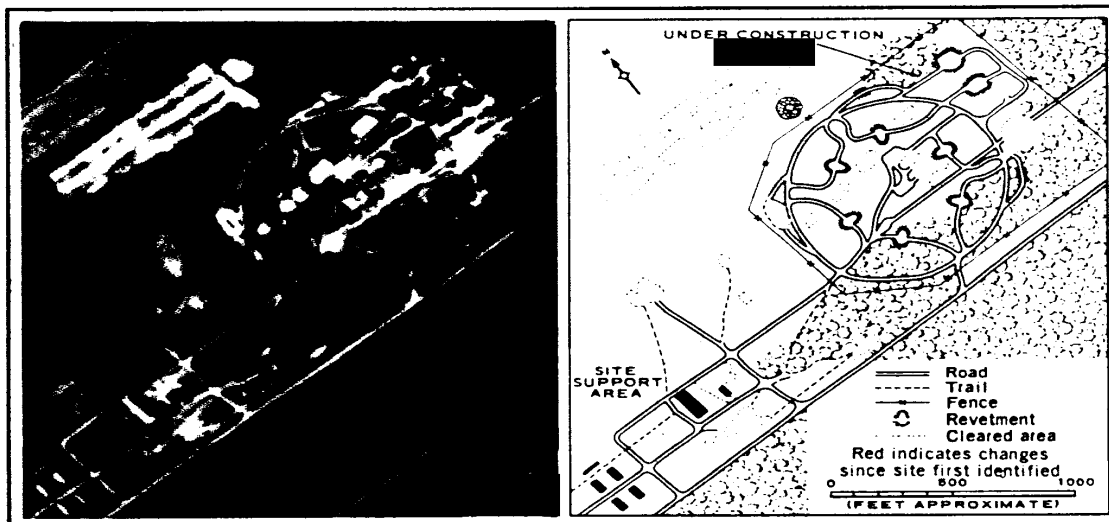


FIGURE 5. BREST SAM SITE A03-2.

25X1D

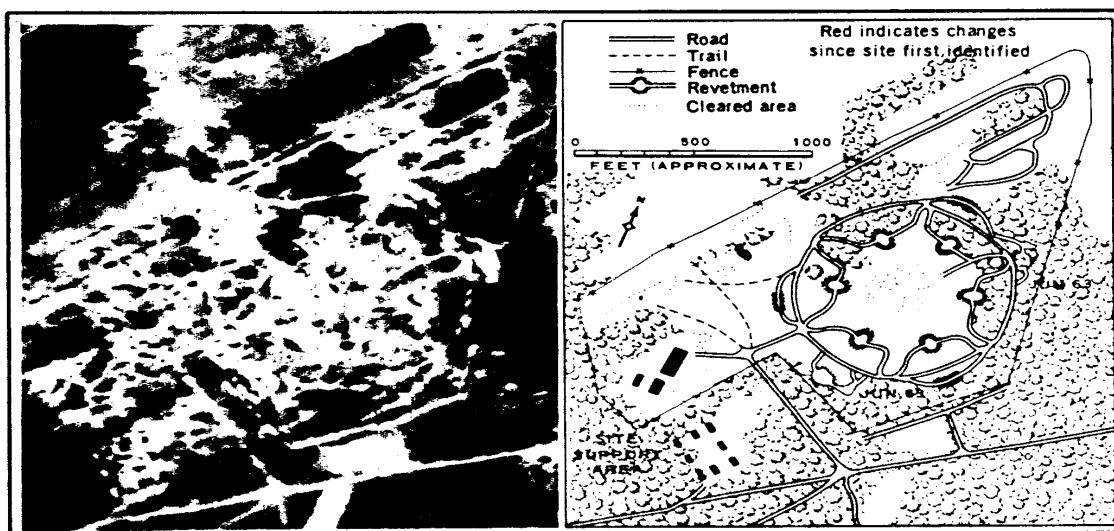


FIGURE 6. PRUZHANY SAM SITE C27-2.

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25X1D

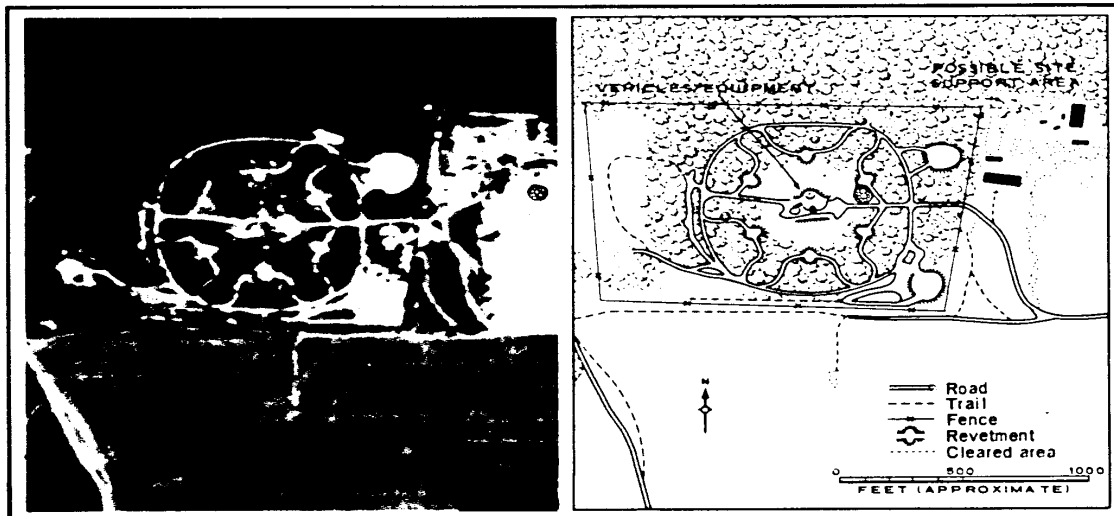


FIGURE 7. PRUZHANY SAM SITE B10-2.

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25X1D

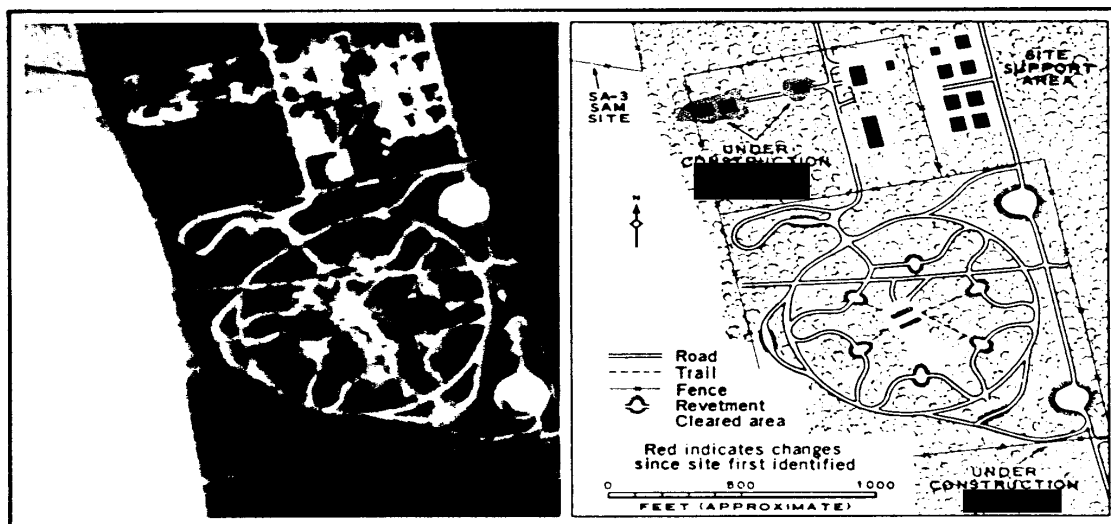


FIGURE 8. VOLKOVYSK SAM SITE B19-2.

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ments are approximately 170 feet in diameter and the centers of both are about 650 feet from the center of the site. The revetments are drive-through and are served by road from the perimeter service road of the site (Figure 8). No change had taken place in either revetment by [REDACTED]

25X1D

Volkovysk SAM Site B19-2 was complete when identified on KEYHOLE photography of [REDACTED]. The large revetments were not present at that time but first appeared in early stages of construction in [REDACTED]

25X1D

25X1D

25X1D

25X1D

The site support area appeared complete when the site was identified; however, in [REDACTED] two additional buildings were noted. Subsequent photography revealed that what had appeared to be the larger of the two new buildings was actually two smaller ones, probably still under construction. The function of the three new buildings cannot be determined at present.

The nearest SA-2 site with similar large revetments is Volkovysk A34-2, located 23 nm north. Collocated SA-3 site B19A-3 is 2,500 feet north-northwest.

#### Volkovysk SAM Site A34-2

25X1A

This site [REDACTED] is located at 53-18-00N 24-22-20E, 9 nm north-northwest of Volkovysk and immediately west of Ros Airfield.

25X1D

Two large revetments adjacent to this site were identified on KEYHOLE photography of [REDACTED] (Figure 9). One revetment, 85 by 65 feet, is located 535 feet southeast of the center of the site, and the other, 70 by 60 feet, is located 550 feet northwest of the center of the site. Both appear to be drive-through, but no through roads servicing them can be identified. No change had taken place in either revetment by [REDACTED]

25X1D

Volkovysk SAM Site A34-2 was identified on KEYHOLE photography of [REDACTED] at which time the site appeared to be complete. The two large revetments were not present. The site support area was under construction between [REDACTED] when it appeared complete, having the normal complement of buildings for site support.

The nearest SA-2 site with similar large revetments is Volkovysk B19-2, located 23 nm south. Collocated SA-3 site A34A-3 is approximately 2,000 feet northwest.

#### Lida MRBM Complex SAM Site C29-2

This SAM site [REDACTED] is located at 53-58-45N 24-48-20E, 17 nm northwest of Lida.

Two rectangular revetments measuring 85 by 80 feet were identified on KEYHOLE photography of [REDACTED] and appeared unchanged in [REDACTED] (Figure 10). One is 500 feet north-northeast of the center of the site, the other 500 feet west-northwest of the site. Both revetments are drive-through, but no through service road to either site can be identified.

Lida MRBM Complex SAM Site C29-2 was complete when identified on KEYHOLE photography of [REDACTED] but the large revetments first appeared under construction in [REDACTED]. The site support area was partly completed when the site was identified. Since then, 7 buildings have been added: 5 probable barracks, 1 large building (155 by 60 feet) and 1 smaller building (50 by 30 feet). These 7 buildings were under construction on [REDACTED] photography.

The nearest SA-2 SAM site with similar large revetments is Volkovysk A34-2, located 24 nm south-southwest. Collocated SA-3 Site C29A-3 is 2,000 feet north.

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25X1D

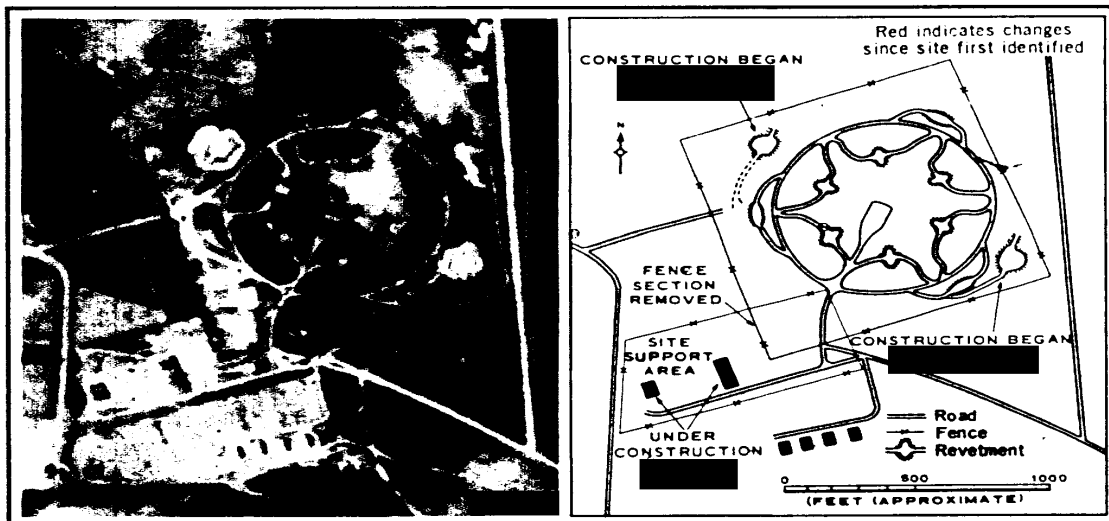


FIGURE 9. VOLKOVYSK SAM SITE A34-2.

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25X1D

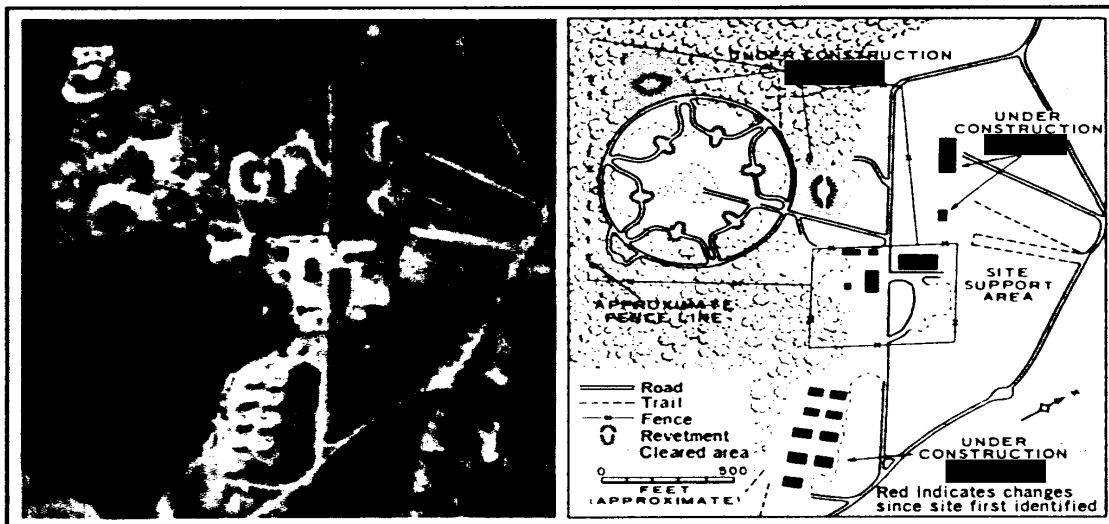


FIGURE 10. LIDA MRBM COMPLEX SAM SITE C29-2.

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Riga SAM Site B03-2

25X1A This site [REDACTED] is 10 nm north-northeast of Riga and is located at 57-05-40N 24-13-00E.

25X1D On KEYHOLE photography of [REDACTED] two

25X1D large generally circular areas under construction adjacent to this site were identified as similar to revetment areas at other SA-2 sites (Figure 11).

25X1D One area, [REDACTED] 215 feet, is 560 feet north-northeast of the center of the site, located where a small clearing had previously been observed.

25X1D Construction appears to have started there in [REDACTED]. The other area, 250 [REDACTED]

25X1D feet, is 630 feet east of the center of the site, located where a missile-hold revetment had been noted in [REDACTED].

25X1D Construction was underway there in [REDACTED]. Both areas are

25X1D irregularly shaped, but generally circular, and still appeared to be under construction in [REDACTED]

25X1D [REDACTED]

Riga Site B03-2 appeared complete on KEYHOLE photography of [REDACTED] and at that time there was a site support area. In [REDACTED] there was additional construction underway north of the original support area, and three buildings have been added there.

Construction work was underway between [REDACTED] in two areas on the southern perimeter of the site, both areas being drive-through. The more westerly of these areas is a missile-hold revetment which apparently was being enlarged in [REDACTED] and the other area is irregularly shaped, with construction newly observed in [REDACTED].

The function of a rectangular clearing between the launch site and the site support area, under construction in [REDACTED] cannot be determined at this time.

The nearest SA-2 site with large revetments is Lida C29-2, located 190 nm south. The nearest SA-3 site is Pavilosta C07A-3, 108 nm west.

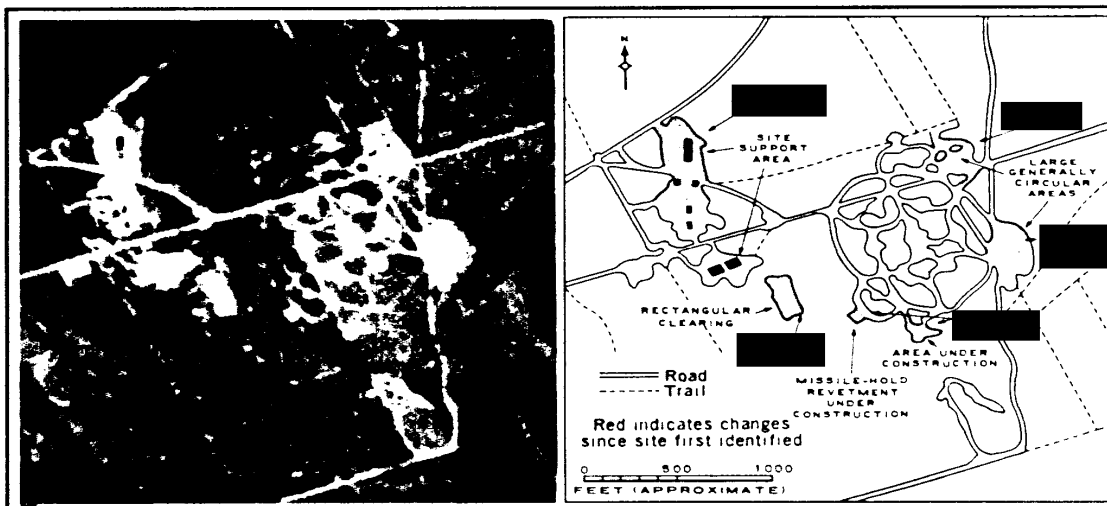


FIGURE 11. RIGA SAM SITE B03-2.

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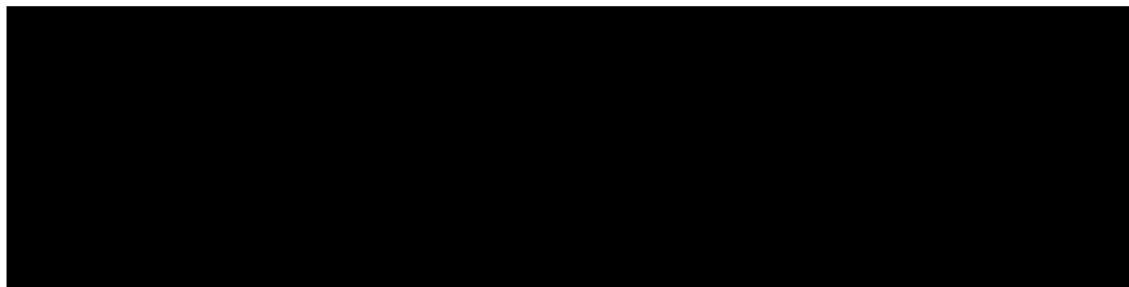
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25X1D



MAPS OR CHARTS

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- SAC. US Air Target Chart, Series 200, Sheet 0168-17HL, 2d ed, Dec 62, scale 1:200,000 (SECRET)
- SAC. US Air Target Chart, Series 200, Sheet 0153-17HL, 3d ed, Dec 62, scale 1:200,000 (SECRET)
- SAC. US Air Target Chart, Series 200, Sheet 0168-13HL, 2d ed, Sep 62, scale 1:200,000 (SECRET)
- SAC. US Air Target Chart, Series 200, Sheet 0168-23HL, 2d ed, Jan 63, scale 1:200,000 (SECRET)

REQUIREMENT

- CIA. C-DIS-80,357

NPIC PROJECT

- J-307/63

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